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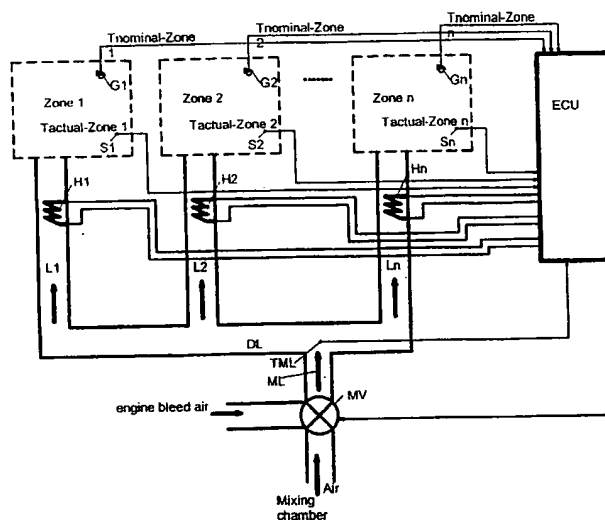
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(54) Title: DEVICE AND PROCESS FOR TEMPERATURE REGULATION OF SECTIONS OF THE INTERIOR OF AN AIRCRAFT



(57) Abstract: A process and device for temperature regulation of sections (zone 1...zone n) of the interior of an aircraft wherein the respective actual temperatures (Tactual) and the respective nominal temperatures (Tnominal) in the individual sections are recorded; engine bleed air and air which is cooler than the engine bleed air are mixed in order to obtain pre-tempered mixed air (ML) at a temperature which essentially corresponds to the lowest of the nominal temperatures (Tnominal) recorded; the pre-tempered mixed air (ML) is distributed to all sections; and the mixed air distributed to the sections with higher nominal temperature is post tempered by heating units (H1...Hn) corresponding to the differences between the respective nominal temperatures (Tnominal) and the respective actual temperatures (Tactual).